Optical arrangement for laser-scanning microscope

Patent number: EP1085362
Publication date: 2001-03-21
Inventor: HARTMANN NICOLE (DE); STORZ RAFAEL (DE)
Applicant: LEICA MICROSYSTEMS (DE)
Classification:
- international: ***G02B21/00;*** **G02B21/00;** (IPC1-7): G02B21/00; G01N21/41
- european: G02B21/00M4
Application number: EP20000118548 20000826
Priority number(s): DE19991044355 19990916

Also published as:
US6525812 (B1)
JP2001124997 (A)
EP1085362 (A3)
DE19944355 (A1)

Cited documents:
WO9942884
DE4330347
US5157458
US5774215
US5410371

Report a data error here

Abstract of **EP1085362**

Optical arrangement placed in the beam path of a laser scanning microscope has a light source and a spectral selection element (2). After the element (2) is an additional optical component (8). Once the light has passed through this element the dispersion and doubly refracting properties of the detection light can be detected. Typically optical components (2, 8) are acousto-optical-modulators or acousto-optical-deflectors.

Fig. 2